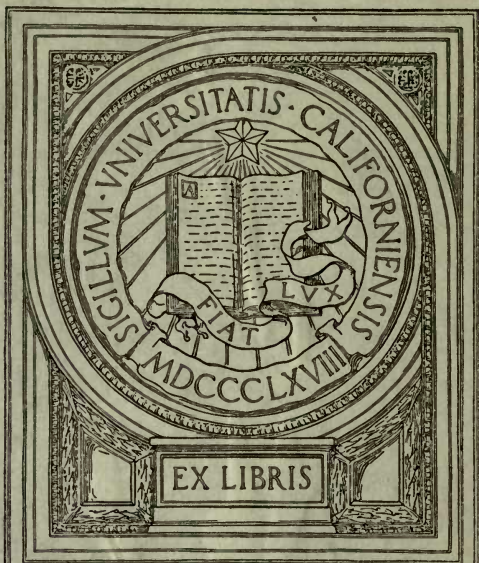


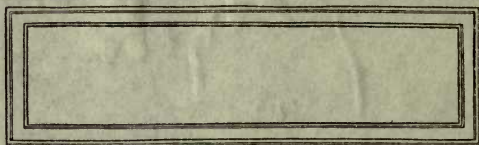
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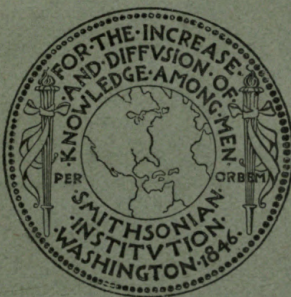
INDEXES

TO THE

LITERATURES OF CERIUM
AND LANTHANUM

BY

W. H. MAGEE, PH. D.



CITY OF WASHINGTON
PUBLISHED BY THE SMITHSONIAN INSTITUTION

1895

INDEXES

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TO THE

WASHINGTON CITY, *January, 1895.*

This work (No. 971), "INDEXES TO THE LITERATURES OF CERIUM AND LANTHANUM," by W. H. MAGEE, Ph. D., forms part of Volume XXXVIII, Smithsonian Miscellaneous Collections. Other parts of the volume are in preparation.

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ALABAMA

LETTER OF TRANSMITTAL.

NEW YORK, JULY 24, 1894.

The Committee of the American Association for the Advancement of Science having charge of Indexing Chemical Literature has voted to recommend to the Smithsonian Institution for publication the three following Indexes:—

AN INDEX TO THE LITERATURE OF CERIUM.

AN INDEX TO THE LITERATURE OF LANTHANUM.

Both by W. H. Magee, Ph. D.

AN INDEX TO THE LITERATURE OF DIDYMIUM.¹

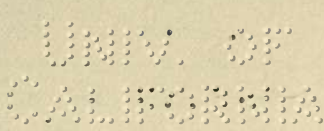
By A. C. Langmuir, Ph. D.

The latter has already appeared in the *School of Mines Quarterly*, No. 1, Vol. XV.

H. CARRINGTON BOLTON,
Chairman.

To the SECRETARY of the SMITHSONIAN INSTITUTION.

¹ This Index is printed as Smithsonian Publication No. 972.



INDEXES TO THE LITERATURES OF CERIUM AND LANTHANUM.

By W. H. MAGEE, Ph. D.

INTRODUCTION.

THE following indexes to the literatures of cerium and lanthanum were prepared during the course of some work on the former element. They are not offered as being absolutely correct, but all the more important articles bearing upon the elements are certainly indexed, and usually the original article heads the list. In some few cases, however, it was difficult to determine the original. Whenever the journal was to be found on the library shelves the references were verified. No single library, however, contains all the journals to which references will be found.

That the indexing of chemical literature is of great and growing importance is evident; that the work should be as nearly perfect as possible is equally true. Yet few except those who have attempted the task realize the difficulty and labor involved. I would ask, therefore, as regards these indexes, that any one using them, and all chemists interested in the study of cerium and lanthanum, should send corrections and addenda to W. H. Magee, care of Professor L. M. Dennis, Cornell University, Ithaca, N. Y., so that after a few years perfectly correct indexes may be prepared.

The Indexes are arranged on the same plan as that of the Index to Uranium, published by Dr. H. Carrington Bolton in 1870, and followed by several other chemists. The abbreviations used are in the main those of the standard list printed in Bolton's Bibliography of Chemistry.

CORNELL UNIVERSITY,
ITHACA, N. Y., July 21, 1894.

Date.	Author.	Remarks.	References.
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1784	BERGMANN and D'ELHUYAR.	Analysis of cerite (not correct).	Sv. Vet. Akad. Handl., 1784, 121.
1804	BERZELIUS and HISINGER.	Discovery of ceria in cerite.	Afhandl. i. Fys., Kemi och Min., 1, 58. A. Gehl, 2, 397. Ann. chim. phys., 50, 245. Phil. Mag., 1805, 20, 155.
1804	KLAPROTH . . .	Discovery of ceria as "Ochroiterde" in cerite.	Memoirs de l'Acad. de Berlin, 1804, 155. A. Gehl, 2, 303. Beitr., 4, 140. Ann. chim. phys., 49, 255. Phil. Mag., 19, 95. Karst. Min. Tab., 1808, 74.
1804	VAUQUELIN . . .	Review of Klaproth's work.	Ann. chim. phys., 50, 140. A. Gehl, 5, 189. Ann. de mus. d'hist. nat., 5, 412.
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1805	VAUQUELIN . . .	Analysis of cerite and synthesis of cerium salts.	Ann. chim. phys., 54, 28. Phil. Mag., 22, 193.
1808	T. ALLEN	Supposition that allanite was gadolinite.	Edin. Roy. Soc. Proc., 6, 345.
1810	THOMSON	Analysis of allanite.	Edin. Roy. Soc. Proc., 6, 384. Schw. J., 13, 108. Ann. Phil., 2, 147. Jour. des Mines, 29, 159 ; 30, 281.
1810	HISINGER	Analysis of cerite.	Ann. der Phys., Gilb., 44, 123. Afhandl. i. Fys., Kemi och Min., 3, 283. Kongl. Vet. Acad. Handl., 1811.
1814	BERZELIUS and GAHN.	Discovery of ceria in the supposed yttria.	Afhandl. i. Fys., Kemi och Min., 4, 217. Schw. J., 16, 241. Ann. chim. phys. [1], 2, 431. Ann. des Mines [1], 2, 96.

Date.	Author.	Remarks.	References.
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1815	HISINGER	Analysis of allanite.	Afhandl. i. Fys., Kemi och Min., 4, 327.
1815	HISINGER	Atomic mass.	Afhandl. i. Fys., Kemi och Min., 4, 378. Ann. Phil., Nov., 1814. Ann. chim. phys., 94, 108. Schw. J., 17, 424.
1818	BERZELIUS . . .	On fluss-spatssyradt.	Afhandl. i. Fys., Kemi och Min., 6, 64.
1819	HISINGER	Analysis of cerite.	Ann. chim. phys. [1], 10, 27. Ann. des Mines [1], 5, 227.
1823	LEVY.	On monazite.	Ann. Phil., 5, 241.
1823	BERZELIUS. . . .	Compounds with fluorine.	Sv. Vet. Akad. Handl., 1823, 284. Ann. der Phys., Pogg., 1, 28. Compt. Rend., 1825. Ann. des Mines [1], 12, 302.
1824	LEVY.	On bucklandite.	Ann. Phil., 7, 134.
1824	GAY LUSSAC . .	Memoir of Laugier's work.	Ann. chim. phys. [1], 27, 314. Berz. Jsb., 5, 204.
1825	HAIDINGER . . .	On allanite.	Edin. Roy. Soc. Proc., 10, 271. Ann. des Phys., Pogg., 5, 157. Min. Mohs., 3, 68.
1825	BERZELIUS. . . .	Sulphide.	Sv. Vet. Akad. Handl., 1825, 11. Treatise on Chemistry, Ger. ed. v. Ann. des Phys., Pogg., 6, 456.
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1826	HEEREN.	Cerium hypo-sulphite.	Ann. der Phys., Pogg., 7, 180.
1826	WÖHLER.	Cerium in pyrochlore.	Ann. der Phys., Pogg., 7, 427. Leonhard's Ztschr. für Min., 1, 246.

Date.	Author.	Remarks.	References.
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1830	BERTHEMOT	Preparation of bromide.	Ann. chim. phys. [2], 44, 393.
1831	DUMAS	Color of cerous salts.	Traité de chimie, 3, 299.
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1833	GÖBEL	Formate, reduction, carbide, etc.	Schw. J., 67, 78. Berz. Jsb., 1835, 15, 131.
1834	DEMARÇAY	Separation of Fe by BaCO ₃ .	Ann. Chem., Liebig, 11, 245.
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1837	ROSE	On edwardsite (monazite).	Reis. Ural, 1, 432.
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Date.	Author.	Remarks.	References.
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1840	SCHEERER	Analyses.	J. prakt. Chem., 22, 449. Ann. der Phys., Pogg., 51, 407 and 465. Ann. des Mines [4], 2, 449.
1840	ROSE	Monazite and edwardsite identical.	Ann. des Phys., Pogg., 49, 223.
1841	ERDMANN	On mosandrite.	Berz. Jsb., 1842, 21, 178.
1841	HUOT	On bastnäsité.	Huot Min., 1, 296.
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Date.	Author.	Remarks.	References.
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1847	BERLIN	Gadolinite and orthite.	Ofv. af. K. vet Akad. Förk., 2, 86. Berz. Jsb., 1847, 26, 368. Jsb., 1847-48, 1176.
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1849	WATTS	Separation from lantha- num, etc.	J. Chem. Soc., 2, 131. Jsb., 1849, 264. Pharm. Centrbl., 1849, 892.
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1849	MARX	Optical prop- erties of ceri- um sulphate.	Ann. der Phys., Pogg., 78, 273.
1849	S. MUSPRATT . .	Cerium sele- nite.	J. Chem. Soc., 2, 68. Jsb., 1849, 265.
1850	CREDNER	On allanite.	Ann. der Phys., Pogg., 79, 144.
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1856	DAMOUR	Analysis of eucolite.	Compt. rend., 43, 1197.
1857	GLADSTONE . . .	Optical test for freedom from didymium.	J. Chem. Soc., 10, 219. J. prakt. Chem., 73, 380. Am. J. Sci. [2], 25, 100. Jsb., 1857, 568.
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1859	MARIGNAC . . .	Compounds.	Ann. des Mines [5], 15, 275. Jsb., 1859, 137.
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1860	NORDENSKIÖLD.	Hielmite.	Öfr. Ak. Stockh., 17, 34. Ann. der Phys., Pogg., 111, 278.
1860	RAMMELSBERG .	Analysis of allanite.	Min. Ch., 746.
1860	DAMOUR and DESCLOIZEAUX.	Optical properties of allanite, etc.	Ann. chim. phys. [3], 59, 357.
1860	MAYER	Cerium oxa- late.	Chem. News, 2, 27. Am. J. Pharm. [3], 8, 1. Prakt. Pharm., 9, 401. Am. Drug. Cir. and Ch. Gaz., 4, 32.

Date.	Author.	Remarks.	References.
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1860	NORDENSKIÖLD .	$Ce_2O_3 : CeO_2$	Ann. der Phys., Pogg., 114, 616. Öfv. Vet. Akad. Forhandl., 1860, 439. J. prakt. Chem., 85, 431. Pharm. Centrbl., 1862, 556. Jsb., 1861, 184.
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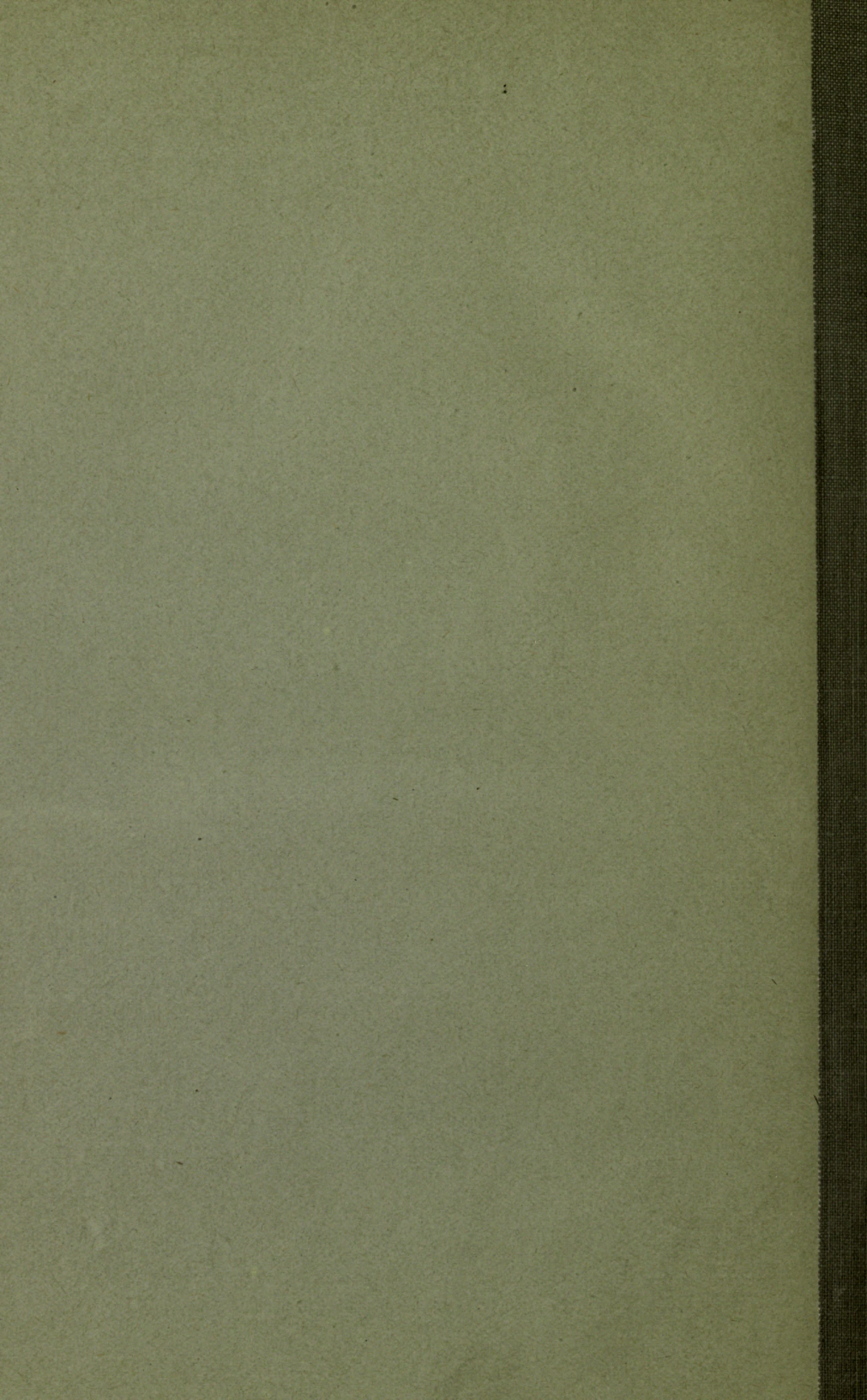
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